

Attorney Docket No.
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ENCLOSURE **Rec'd PCT/PTO 16 AUG 2005**

CLAIMS (originally filed):

1. An optical recording medium which comprises a support substrate, a plurality of recording layers formed on the support substrate and a transparent intermediate layer(s) formed between the plurality of recording layers and is constituted so that data can be recorded therein and/or reproduced therefrom by a laser beam projected through a light incidence plane, in which optical recording medium a recording layer other than a recording layer farthest from the light incidence plane among the plurality of recording layers is constituted so as to be able to rewrite data and comprises at least a recording film, a first dielectric film disposed in contact with the recording film on a side thereof on which the light incidence plane is present, a second dielectric film disposed in contact with the recording film on a side thereof opposite to the side on which the light incidence plane is present and having a thickness smaller than 15 nm, a transparent heat radiation film disposed in contact with the first dielectric film on a side thereof on which the light incidence plane is present, a translucent reflective film disposed in contact with the second dielectric film on a side thereof opposite to the side on which the light incidence plane is present and having a thickness smaller than 20 nm, and a base protect film disposed between the translucent reflective film and the transparent intermediate layer.
- 25 2. An optical recording medium in accordance with Claim 1, wherein the second dielectric film is formed so as to have a thickness of 1 nm to 10

nm.

3. An optical recording medium in accordance with Claim 1 or 2, wherein the translucent reflective film is formed so as to have a thickness
5 equal to or larger than 4 nm.
4. An optical recording medium in accordance with any one of Claims 1 to 3, wherein the translucent reflective film is formed of metal.
- 10 5. An optical recording medium in accordance with Claim 4, wherein the translucent reflective film is formed of Ag.
- 15 6. An optical recording medium in accordance with any one of Claims 1 to 5, wherein the transparent heat radiation film is formed of a material having a higher thermal conductivity than that used for forming the first dielectric film.
- 20 7. An optical recording medium in accordance with Claim 6, wherein the transparent heat radiation film contains AlN or SiC as a primary component.